

XP 002309563

(C) WPI/Derwent

AN - 1987-002974 [10]

AP - JP19850105260 19850517; JP19850105260 19850517; [Based on J61262179]

CPY - RICO

DC - E19 E24 E37 G05 P75

FS - CPI;GMPI

IC - B41M5/18 ; B41M5/26 ; B41M5/30

MC - E05-A E05-B01 E05-L E05-M E05-N E31-F04 E31-K05 E33 E34 E35 G06-F08

M3 - [01] A111 A119 A212 A220 A238 A256 A313 A350 A382 A423 A424 A425 A426
A427 A428 A430 A548 A680 A940 A960 B115 B701 B713 B720 B815 B831 C101
C108 C116 C307 C316 C510 C540 C550 C710 C730 C801 C803 C804 C805 C806
C807 J0 J011 J1 J171 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222
M223 M224 M225 M226 M231 M232 M233 M262 M281 M320 M411 M510 M520 M530
M540 M620 M630 M781 M903 M904 Q339 R043; 8701-C1801-U 8701-C1802-U
8701-C1803-U 8701-C1804-U 8701-C1805-U 8701-C1806-U
- [02] A111 A119 A212 A220 A238 A256 A313 A350 A382 A423 A424 A425 A426
A427 A428 A430 A548 A680 A940 C000 C100 C730 C801 C803 C804 C805 C806
C807 M411 M781 M903 M904 Q339 R043

PA - (RICO) RICOH KK

PN - JP61262179 A 19861120 DW198701 007pp

- JP7010628B B2 19950208 DW199510 B41M5/30 005pp

PR - JP19850105260 19850517

XA - C1987-001280

XIC - B41M-005/18 ; B41M-005/26 ; B41M-005/30

XP - N1987-001988

AB - J61262179 Recording material has (A) undercoat layer contg. metal cpd.
and (B) heat-sensitive colouring layer contg. (a) leuco dye and (b)
gallic acid ester as colour developing agent, on base material in this
order.

- Leuco dye is pref. e.g. crystal violet lactone, 3,3-bis(p-dimethyl
aminophenyl)-phthalide, 3-diethylamino-7-methylfluoran, etc. Colour
developing agent is e.g. gallic acid, salicylic acid, 4-phenyl phenol,
alpha-naphthol, beta-naphthol, resorcinol, phloroglucinol, benzoic
acid, stearic acid, etc. Metal cpd. is e.g. oxide, hydroxide, halide,
sulphide, sulphate, nitrate, phosphate, organic acid salt, etc. of Na,
Mg, Ca, K, V, Cr, Mn, Fe, Co, Ni, Zn, Al, Sr, Ba, Cd, Sn, Pb, Hg, etc.

- Leuco dye/colour developing agent wt. ratio is 1/1-1/10 (pref.
1/2-1/6). Gallic acid ester content in colour developing agent is more
than 20 wt.% (pref. more than 50 wt.%).

- USE/ADVANTAGE - Recording material is used for computer output,
facsimile, train ticket, label, etc. Recording material improves
preservation property, plasticiser resistance, oil resistance, and
prevents colouring fog.(0/0)

CN - 8701-C1801-U 8701-C1802-U 8701-C1803-U 8701-C1804-U 8701-C1805-U
8701-C1806-U

IW - HEAT SENSITIVE RECORD MATERIAL COMPUTER OUTPUT UNDERCOAT LAYER
CONTAIN

METAL COMPOUND HEAT SENSITIVE COLOUR LAYER CONTAIN LEUCO DYE GALIC
ACID ESTER

IKW - HEAT SENSITIVE RECORD MATERIAL COMPUTER OUTPUT UNDERCOAT LAYER
CONTAIN

METAL COMPOUND HEAT SENSITIVE COLOUR LAYER CONTAIN LEUCO DYE GALIC
ACID ESTER

NC - 001

OPD - 1985-05-17

BEST AVAILABLE COPY

(C) WPI/Derwent

PAW - (RICO) RICOH KK

**TI - Heat-sensitive recording material used for computer output etc. - has
undercoat layer contg. metal cpd. and heat-sensitive colouring layer
contg. leuco dye and gallic acid ester**

BEST AVAILABLE COPY